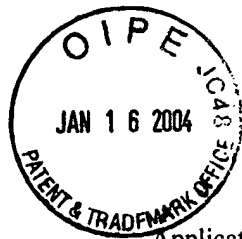




I hereby certify that this paper or fee is being deposited with the United States Postal Service as first class mail in envelope with sufficient postage affixed and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 12, 2004.

Name: Esther Lily C. Esguerra

Signature: *Esther Lily C. Esguerra*



Attorney Docket No.: 10201-20003.10  
(formerly CYTOP002D1)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of:	Kathleen A. ELIAS	Confirmation No.:	9501
Serial No.:	10/082,036	Art Unit:	1631
Filed:	February 20, 2002	Examiner:	J. Brusca
For:	METHOD OF CHARACTERIZING POTENTIAL THERAPEUTICS BY DETERMINING CELL-CELL INTERACTIONS		

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached PTO-Form 1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Document nos. A01 through B39 and C01 through C20 are listed in the accompanying PTO form 1449, and were previously submitted in prior application serial no. 09/741,721 filed December 18, 2000, now U.S. Patent No. 6,599,694, issued July 29, 2003, thus no copies of these references are being provided. However, pursuant to 37 C.F.R. §1.98, copies of document nos. B40 (WO 00/73414), and B41 (WO 00/65472) are being provided for the examiner's review.

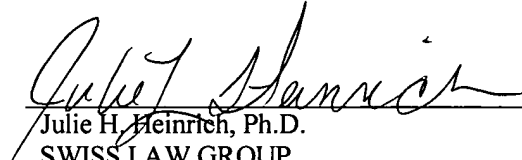
By citing the references in the accompanying PTO form 1449, Applicants do not acquiesce or admit that any of these documents are "prior art" under 35 U.S.C. Applicants specifically reserve the right, where appropriate, to antedate any of the cited documents by an appropriate showing under 37 C.F.R. §1.131, §1.604, §1.608 or any other suitable means.

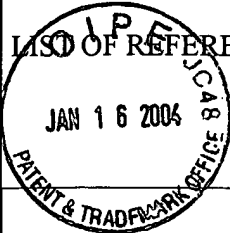
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01 FC:1806 180.00 DA

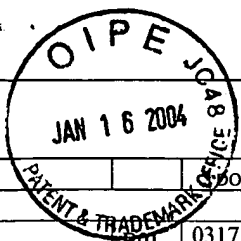
This Information Disclosure Statement is being submitted after the mailing of a first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under § 1.113 or (ii) a notice of allowance under §1.311, whichever occurs first. Please charge \$180.00 to our Deposit Account 50-1339. If it is determined that any fees are due, the Commissioner is hereby authorized to charge the requisite fees to Deposit Account No. 50-1339.

Respectfully submitted,

Date: January 12, 2004

  
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 <p><b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)</p>					ATTY DOCKET NO.		APPLICATION NO	
					10201-20003.10		10/082,036	
					APPLICANT			
					Kathleen A. ELIAS			
FILING DATE					GROUP			
February 20, 2002					1631			
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A01	4,818,710	4/1989	Sutherland <i>et al.</i>				
	A02	4,922,092	5/1990	Rushbrooke <i>et al.</i>				
	A03	4,959,301	9/1990	Weaver <i>et al.</i>				
	A04	4,965,725	10/1990	Rutenberg				
	A05	RE 34,214	4/1993	Carlsson <i>et al.</i>				
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	A07	5,326,691	10/1999	Hozier				
	A08	5,355,215	10/1994	Schroeder <i>et al.</i>				
	A09	5,526,258	6/1996	Bacus				
	A10	5,548,661	8/1996	Price <i>et al.</i>				
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	A13	5,741,648	4/1998	Hemstreet III <i>et al.</i>				
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	A22	5,962,250	10/1990	Gavin <i>et al.</i>				
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B01	0317139	5/1989	Europe				
	B02	0468705	7/1991	Europe				
	B03	0902394	3/1999	Europe				
	B04	WO 87/02802	5/1987	WIPO				
	B05	WO 93/21511	10/1993	WIPO				
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	B17	WO 98/38490	9/1998	WIPO				
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	B23	WO 99/44062	9/1999	WIPO				
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	B26	WO 00/03246	1/2000	WIPO				
	B27	WO 00/06774	2/2000	WIPO				
	B28	WO 00/17624	3/2000	WIPO				
	B29	WO 00/17643	3/2000	WIPO				
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	B32	WO 00/29984	5/2000	WIPO				
	B33	WO 00/31534	6/2000	WIPO				
	B34	WO 00/33250	6/2000	WIPO				
	B35	WO 00/43820	7/2000	WIPO				
	B36	WO 00/49540	8/2000	WIPO				
	B37	WO 00/50872	8/2000	WIPO				
	B38	WO 00/60356	10/2000	WIPO				
	B39	WO 00/70528	11/2000	WIPO				
	B40	WO 00/73417	12/2000	WIPO				
	B41	WO 00/65472	11/2/2000	WIPO				


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C01	Blankenstein, <i>et al.</i> , "Modular Concept of a Laboratory on a Chip for Chemical and Biochemical Analysis," <i>Biosensors &amp; Bioelectronics</i> , Vol. 13, Nos. 3-4, pp. 427-438 (1998).
C02	Cseke, I., <i>et al.</i> , "A Fast Segmentation Scheme for White Blood Cell Images," <i>IEEE</i> , pp. 530-533 (1992).
C03	Giuliano, K.A., <i>et al.</i> , "High-Content Screening: A New Approach to Easing Key Bottlenecks in the Drug Discovery Process," <i>J. Biomolecular Screening</i> , Vol. 2, No. 4, page 249 (1997).
C04	Giuliano, K.A., <i>et al.</i> , "Fluorescent-Protein Biosensors: New Tools for Drug Discovery," <i>Trends in Biotechnology</i> , Vol. 16, No. 3, pp. 135-140 (March 1998).
C05	Hofland, <i>et al.</i> , "Role of Tumor-Derived Fibroblasts in the Growth of Primary Cultures of Human Breast-Cancer Cells: Effects of Epidermal Growth Factor and the Somatostatin Analogue Octreotide," <i>Int. J. Cancer</i> , Vol. 60, pp. 93-99 (1995).
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C07	Pauwels, <i>et al.</i> , "Monitoring of Chemotherapy-Induced Morphonuclear Modifications by Means of Digital Cell-Image Analysis," <i>J. Cancer Res. Clin. Oncol.</i> , Vol. 119, pp. 533-540 (1993).
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C09	Pauwels, <i>et al.</i> , "Determination of the Mechanism of Action of Anticancer Drugs by Means of the Computer-Assisted Microscope Image Analysis of Feulgen-Stained Nuclei," <i>J. Pharm. And Toxicological Meth.</i> , Vol. 37, pp. 105-115 (1997).
C10	Pauwels, <i>et al.</i> , "In Vitro Digital Cell Image Analysis of Morphonuclear Modifications Induced by Natural DNA-Interacting Anticancer Drugs in Three Neoplastic Cell Lines," <i>Meth. Find. Exp. Clin. Pharmacol.</i> , Vol. 17, No. 3, pp. 151-161 (1995).
C11	Pauwels, <i>et al.</i> , "The Application of Computerized Analysis of Nuclear Images and Multivariate Analysis to the Understanding of the Effects of Antineoplastic Agents and Their Mechanism of Action," <i>Meth. Find. Exp. Clin. Pharmacol.</i> , Vol. 15, No. 2, pp. 113-124 (1993).
C12	Printout from Q3DM Website ( <a href="http://www.Q3DM.com">www.Q3DM.com</a> ), printed on March 1, 2001, 30 pages.
C13	Printout from Automated Cell Website ( <a href="http://www.automatedcell.com">www.automatedcell.com</a> ) printed on March 9, 2001, 24 pages.
C14	Rubas, <i>et al.</i> , "An Integrated Method to Determine Epithelial Transport and Bioactivity of Oral Drug Candidates in Vitro," <i>Pharmaceutical Research</i> , Vol. 13, No. 1, pp. 23-27 (1996).
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C17	Stearns M.E., <i>et al.</i> , "Interleukin 10 (IL-10) Inhibition of Primary Human Prostate Cell-Induced Angiogenesis: IL-10 Stimulation of Tissue Inhibitor of Metalloproteinase-1 and Inhibition of Matrix Metalloproteinase (MMP)-2/MMP-9 Secretion," <i>Clinical Cancer Research</i> , Vol. 5, No. 1, pp. 189-96 (January 1999).
C18	Takayama, <i>et al.</i> , "Patterning Cells and Their Environments Using Multiple Laminar Fluid Flows in Capillary Networks," <i>Cell Biology, Applied Physical Sciences, Proc. Natl. Acad. Sci.</i> , Vol. 96, pp. 5545-5548 (May 1999).
C19	Uriá, J.A., <i>et al.</i> , "Regulation of Collagenase-3 Expression in Human Breast Carcinomas in Mediated by Stromal-Epithelial Cell Interactions," <i>Cancer Res.</i> , Vol. 57, No. 21, pp. 4882-4884 (November 1, 1997).
C20	Weinstein, <i>et al.</i> , "An Information-Intensive Approach to the Molecular Pharmacology of Cancer," <i>Science</i> , Vol. 275, pp. 43-349 (January 17, 1997).
C21	

**EXAMINER**
**DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.